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PTO/SB/17 (12-04)

Approved for use through 07/31/2006, OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)180.00

Complete if Known

Application Number	10/840,111
Filing Date	AUGUST 16, 2001
First Named Inventor	WAYNE G. FLOE
Examiner Name	HILARY L. GUTMAN
Art Unit	3612
Attorney Docket No.	10046D

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☐ Deposit Account Deposit Account Number: _____ Deposit Account Name: _____

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☐ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☐ Credit any overpayments

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FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims - 20 or HP = _____ x _____ = _____
HP = highest number of total claims paid for, if greater than 20

Indep. Claims - 3 or HP = _____ x _____ = _____
HP = highest number of independent claims paid for, if greater than 3

Multiple Dependent Claims
Fee (\$) Fee Paid (\$)

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: INFORMATION DISCLOSURE STATEMENT

Fees Paid (\$)

180.00

SUBMITTED BY

Signature	<u>Charles A. Johnson</u>	Registration No. (Attorney/Agent)	<u>26,852</u>	Telephone	<u>(651) 635-7702</u>
Name (Print/Type)	<u>CHARLES A. JOHNSON</u>			Date	<u>January 16, 2005</u>

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

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First Named Inventor	WAYNE G. FLGE
Art Unit	3612
Examiner Name	HILARY L. GUTMAN
Attorney Docket Number	10046D

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,421,612	6-6-1995	WAYNE FLOE	
		US- 5,738,379	4-14-1998	WAYNE FLOE	
		US- 5,775,711	7-7-1998	WAYNE G. FLOE	
		US- 6,068,282	5-30-2000	WAYNE G. FLOE	
		US- 6,164,882	12-26-2000	JAMES E. SELLE	
		US- 6,439,814 B1	8-27-2002	WAYNE G. FLOE	
		US- 6,543,974	4-8-2003	WAYNE G. FLOE	
		US- 1,733,269	10-29-1929	R.R. MAUK et al.	
		US- 2,688,289	8-7-1954	J.B. STERLING	
		US- 2,696,139	12-7-1954	C.W. ATTWOOD	
		US- 2,736,272	2-28-1956	E.C. ELSNER	
		US- 3,053,355	9-11-1962	C.W. ATTWOOD	
		US- 3,877,671	4-15-1975	P. UNDERWOOD	
		US- 4,161,303	7-17-1979	R. BACHAND	
		US- 4,248,558	2-3-1981	E.F. LECHNER	
		US- 4,269,340	5-26-1981	B.C. KOWALSKI	
		US- 4,297,963	11-3-1981	K.I. BEACOM	
		US- 4,450,655	5-29-1984	M. ROSENTHAL	

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language translation is attached.

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Substitute for form

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(Use as many sheets as necessary)

Sheet	2	of	2
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Attorney Docket Number	100462

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.10 if possible. 6 Applicant is to place a check mark here if English language translation is attached.

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